

### **Amendments to the Claims:**

1. (Currently Amended) An assembly for housing a computer system, wherein the assembly comprises:

a) a housing comprising a plurality of railings;

b) a plurality of computer circuit boards attached to the railings, wherein the circuit boards are integrated to form the computer system; and[[,]]

c) a power supply coupled to the railings for supplying power to the circuit boards.

2. (Original) The housing assembly of claim 1, wherein the housing is open to the environment.

3. (Previously Presented) The housing assembly of claim 1, wherein the assembly includes two or more layers, each layer comprising a plurality of railings and a plurality of computer circuit boards attached to the railings.

4. (Original) The housing assembly of claim 1, wherein the housing does not require a compact Motherboard-CPU configuration.

5. (Previously Presented) The housing assembly of claim 1, wherein the assembly is constructed as two or more separate segments that can be joined together to act as one unit, wherein each separate segment is self-sufficient.

6. (Original) The housing assembly of claim 1, wherein the assembly is cylindrical in shape.

7. (Original) The housing assembly of claim 1, wherein the housing further comprises a plurality of columns, and wherein the columns are coupled to the railings.

8. (Previously Presented) The housing assembly of claim 1, wherein the computer circuit boards are attached by hanging the computer circuit boards from the railings.

9. (Previously Presented) The housing assembly of claim 1, wherein the power supply comprises a first stage and a second stage, and wherein the first stage converts a first voltage that is

converted into a second voltage, and wherein the second voltage is provided to the second stage, and wherein the second stage creates a third voltage that is suitable for the circuit board from the second voltage.

10. (Previously Presented) The housing assembly of claim 1, wherein the assembly further comprises a connection kit.

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Previously Presented) The housing assembly of claim 8, wherein the computer circuit boards are hung using a frame that is structurally connected to the circuit boards.

15. (Cancelled)

16. (Previously Presented) The housing assembly of claim 14, wherein the computer circuit boards do not include a case.

17. (Canceled)

18. (Previously Presented) The housing assembly of claim 9, wherein the first stage is the only part of the power supply that provides power to the rails.

19. (Currently Amended) The housing assembly of claim ~~19~~ 9, wherein the second stage is activated by a signal coming from a motherboard.

20-24. (Canceled)

25. (New) An assembly for housing a computer system, wherein the assembly comprises:

a) a housing comprising a plurality of railings;

b) a plurality of computer circuit boards attached to the railings, wherein the circuit boards are integrated to form the computer system; and

c) a power supply coupled to the railings for supplying power to the circuit boards, wherein the assembly is constructed as two or more separate segments that can be joined together to act as one unit, wherein each separate segment is self-sufficient and comprises a cooling system comprising a single fan.